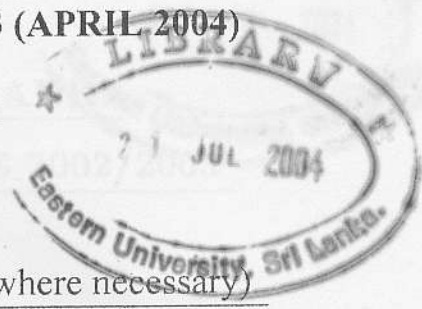


EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 2002/2003 (APRIL 2004)
SECOND SEMESTER
ZL 304 ENTOMOLOGY I AND II



Time: **02** hours
 Answer **all** questions.
 (Illustrate your answers with clear labelled diagrams where necessary)

1. a. Give the major diagnostic characters of the order Hymenoptera.
- b. Briefly comment on the economic importance of Hymenopteran insects.
- c. Discuss the special social pattern of life found in Hymenopteran insects.

2. Comment on **all** of the following.

- a. Excretion in terrestrial insects
- b. Phytophagous insects
- c. Modification of post abdominal segments in insects.

3. Critically analyse the role of insecticides in Insect Pest Management.

4. Write short notes on the following:
- a. Classical biological control
 - b. Microbial insecticides

Product	Nutrient contents		Minimum amount of nutrients
	A	B	
1	50	5	100
2	30	12	85
3	10	10	70